

In the Claims

- 1 (currently amended). An anabolic composition comprising:
- a) at least one glycosaminoglycan, proteoglycan aggregate complex of hyaluronic acid, extracellular matrix, protein and chondroitin, extracellular matrix compound in an amount effective in the damaged tissue as an anti-neo-inflammatory and anti-neo-angiogenetic agent;
 - b) about one to three grams of at least one polar surface active lipid selected from the group consisting of phosphatidic acid, phosphatidylethanolamine, lecithin, phosphatidylserine, phosphatidylinositol, 2-lysolecithin, plamalogen, choline plasmalogen, ~~phostidylglycerol~~ phosphatidylglycerol, diphosphatidylglycerol, sphingomyelin, and any combination of 2, 3, 4, 5, 6, 7, 8, 9, 10, or 11 of said polar active surface lipids;
 - c) a plurality of enantiomerically pure L-amino acids and glycine of about 9 to 25 grams in molar ratios of human tissue;
 - d) a component selected from the group consisting of Polyoxyethylene Sorbitan Monooleate (TWEEN 80), Sorbitan monooleate (SPAN 80), grape seed extract, grape extract, and combinations thereof; and
 - e) vitamins, minerals or trace elements selected from the group consisting of Vitamin B12, Vitamin E, selenium, zinc, and combinations thereof.

2 (currently amended. The composition according to claim 1, further comprising a compound generally accepted as safe (GRAS) selected from the group consisting of aspartame perfluorocarbon resins, perfluorocarbon cured elastomers, ~~[alpha]-Amylase~~ α -Amylase enzyme preparation from *Bacillus stearothermophilus*, benzoic acid, bromelain, catalase (bovine liver), lactic acid, linoleic acid, potassium acid tartrate, propionic acid, stearic acid, tartaric acid, diacetyl tartaric acid esters of mono- and diglycerides, ammonium bicarbonate, ammonium carbonate, ammonium chloride, ammonium hydroxide, ammonium citrate, dibasic, ammonium phosphate, monobasic; ammonium phosphate, dibasic; bacterially-derived carbohydrase enzyme preparation; bacterially-derived

protease enzyme preparation; bentonite; benzoyl peroxide; n-Butane and iso-butane; Calcium glycerophosphate; Calcium lactate; Calcium pantothenate; Calcium propionate; Calcium stearate; Carbon dioxide; Beta-carotene; Cellulase enzyme preparation derived from *Trichoderma longibrachiatum*; Clove and its derivatives; Cocoa butter substitute; Copper gluconate; Copper sulfate; L-Cysteine; L-Cysteine monohydrochloride; Dextrin; Diacetyl; Enzyme-modified fats; Ethyl alcohol; Ficin; Glucono delta-lactone; Corn gluten; Wheat gluten; Glyceryl monooleate; Glyceryl behenate; Glyceryl palmitostearate; Helium; Inositol; Insoluble glucose isomerase enzyme preparations; Isopropyl citrate; Animal lipase; Magnesium carbonate; Magnesium chloride; Magnesium hydroxide; Magnesium oxide; Magnesium phosphate; Magnesium stearate; Magnesium sulfate; Malt; Malt syrup (malt extract); Manganese chloride; Manganese citrate; Manganese gluconate; Manganese sulfate; Microparticulated protein product; Mono- and diglycerides; Monosodium phosphate derivatives of mono- and diglycerides; Niacin; Niacinamide; Nickel; Nitrogen; Nitrous oxide; Peptones; Pancreatin; Papain; Pectins; Pepsin; Potassium bicarbonate; Potassium carbonate; Potassium chloride; Potassium hydroxide; Potassium lactate; Propane; Pyridoxine hydrochloride; Rennet (animal-derived) and chymosin preparation (fermentation-derived); Riboflavin; Riboflavin-5'-phosphate (sodium); Sodium benzoate; Sodium carbonate; Sodium hydroxide; Sodium hypophosphite; Sodium lactate; Sodium metasilicate; Sodium propionate; Sodium sesquicarbonate; Sodium tartrate; Sodium potassium tartrate; Starter distillate; Stearyl citrate; Thiamine hydrochloride; Thiamine mononitrate; ~~[alpha]-Tocopherols~~ α -Tocopherols; Triacetin; Tributyrin; Triethyl citrate; Trypsin; Urease enzyme preparation from *Lactobacillus fermentum*; Vitamin A; Vitamin B12; Candelilla wax; Carnauba wax; Bakers yeast extract; Zein; Sulfamic acid; Clay (kaolin); Ferric oxide; Iron oxides; Japan wax; Tall oil; Alfalfa; Allspice; Almond, bitter (free from prussic acid); Ambrette; Angelica root; Angelica seed or stem; Angostura; Anise; Asafetida; Balm; Balsam of Peru; Basil; Bay leaves; Bay; Bergamot (bergamot orange); Bois de rose; Cacao; Camomile (chamomile); Capsicum; Caraway; Cardamom seed (cardamon); Carob bean; Carrot; Cascarilla bark; Cassia bark, Chinese; Cassia bark, Padang or Batavia; Cassia bark, Saigon; Celery seed; Cherry, wild, bark; Chervil; Chicory; Cinnamon bark, Ceylon; Cinnamon bark, Chinese; Cinnamon bark, Saigon; Cinnamon leaf, Ceylon; Cinnamon leaf, Chinese; Cinnamon leaf, Saigon; Citronella; Citrus peels; Clary (clary sage); Clove bud; Clove leaf; Clove stem; Clover; Coca

; Coffee; Cola nut; Coriander; Corn silk; Cumin (cummin); Curacao orange peel; Cusparia bark; Dandelion; Dandelion root; Dill; Dog grass (quackgrass, triticum); Elder flowers; Estragole ; Estragon (tarragon); Fennel, sweet; Fenugreek; Galanga (galangal); Garlic; Geranium; Geranium, East Indian; Geranium, rose; Ginger; Glycyrrhiza; Glycyrrhizin, ammoniated; Grapefruit; Guava; Hickory bark; Horehound (hoarhound); Hops; Horsemint; Hyssop; Immortelle; Jasmine; Juniper (berries); Kola nut; Laurel berries; Laurel leaves; Lavender; Lavender, spike; Lavandin; Lemon; Lemon balm (see balm).; Lemon grass; Lemon peel; Licorice; Lime; Linden flowers; Locust bean; Lupulin; Mace; Malt (extract); Mandarin; Marjoram, sweet; Mate 1; Menthol; Menthyl acetate; Molasses (extract); Mustard; Naringin; Neroli, bigarade; Nutmeg; Onion; Orange, bitter, flowers; Orange, bitter, peel; Orange leaf; Orange, sweet; Orange, sweet, flowers; Orange, sweet, peel; Origanum; Palmarosa; Paprika; Parsley; Pepper, black; Pepper, white; Peppermint; Peruvian balsam; Petitgrain; Petitgrain lemon; Petitgrain mandarin or tangerine; Pimenta; Pimenta leaf; Pipsissewa leaves; Pomegranate; Prickly ash bark; Rose absolute; Rosa; Rose; Rose buds; Rose flowers; Rose fruit (hips); Rose geranium; Rose leaves; Rosemary; Rue; Saffron; Sage; St. John's bread; Savory, summer; Savory, winter; Schinus molle; Sloe berries; Spearmint; Spike lavender; Tamarind; Tangerine; Tannic acid; Tarragon; Tea; Thyme; Triticum; Tuberose; Turmeric; Vanilla; Violet flowers; Violet leaves; Violet leaves absolute; Wild cherry bark; Ylang-ylang; and; Zedoary bark, or any combination of said compounds.

3 (original). The composition according to claim 1, further comprising a flavorant.

4 (original). The composition according to claim 3, wherein said flavorant is a fruit juice.

5 (original). The composition according to claim 4, wherein said fruit juice is tomato juice.

6 (original). The composition according to claim 1, wherein said amino acids are L-Leucine, L-Proline, L-Arginine, L-Valine, L-Aspartic Acid, L-Isoleucine, Glycine, L-Threonine, L-Tyrosine, L-Phenylalanine, L-Serine, L-Histidine, L-Alanine, L-Cystine, L-Tryptophan, L-Methionine, L-Glutamine, L-Glutamic Acid, L-Taurine, and L-Carnitine.

7 (currently amended). The composition according to claim 1, wherein said component (c) comprises Corn Syrup Solids, High Oleic Safflower Oil, Refined Vegetable Oil, L-Lysine L-Glutamate, Calcium Phosphate Dibasic, and less than 2% (by weight) of each of the following: L-Leucine, Tripotassium Citrate, L-Proline, L-Arginine, L-Valine, L-Aspartic Acid, L-Isoleucine, Glycine, L-Threonine, L-Tyrosine, L-Phenylalanine, L-Serine, L-Histidine, L-Alanine, Mono and Diglycerides, Sodium Chloride, L-Cystine, L-Tryptophan, Magnesium Acetate, L-Methionine, Potassium Chloride, Diacetyl Tartaric Acid Esters of Monoglycerides, L-Glutamine, Choline Bitartrate, L-Glutamic Acid, M-Inositol, L-Ascorbic Acid, Soy Lecithin, Tricalcium Phosphate, Ferrous Sulfate, Zinc Sulfate, L-Carnitine, Niacinamide, ~~DL-alpha~~ DL- α Tocopheryl Acetate, Calcium D-Pantothenate, Cupric Sulfate, Manganese Sulfate, Pyridoxine Hydrochloride, Vitamin A Acetate, Riboflavin, Thiamine Chloride Hydrochloride, Potassium Iodide, Chromium Sulfate, Phylloquinone, Sodium Molybdate, Folic Acid, Sodium Hydrogen Selenite, D-Biotin, Vitamin D₃ and Cyanocobalamin.

8 (original). The composition according to claim 7, wherein said composition further comprises taurine.